



DIVISION: Corporate Services
TITLE: Storage Administrator
LOCATION: Folsom, CA
DEPARTMENT: IT Support & Operations

PRIMARY PURPOSE:

Under the general direction of the Manager of System and Database Administration, contributes to the design and operation of the expanding storage infrastructure, with an emphasis on reliability, manageability, scalability, and performance. In partnership with the business unit, responsible for the planning of all storage-related projects, the management and utilization of the critical storage vendor relationships, and the predictable execution of ongoing storage operations (installation, configuration, performance tuning, data replication and migration, and troubleshooting).

ESSENTIAL JOB FUNCTIONS:

- Deploy, setup, and administer EMC SAN switches, zones and zonesets
- Configure EMC Clariion storage arrays. Bind luns, control storage groups, create and provision Solaris, HP and Linux nodes
- Manage EMC DMX4 storage arrays. Map luns, mask devices, create meta device configurations for Oracle 10G RAC nodes
- Perform EMC Clariion and EMC DMX4 full device copies using EMC Timefinder Clone and EMC Snapview Clone for backup and recovery purposes in an Oracle DB environment
- Provision NFS filesystems in an EMC NS NAS server. Manage ASM pools, slice and create filesystems, export to nodes using NFS
- Manage EMC Control Center. Setup data collection policies, alert definitions and upkeep of EMC control center
- Sustaining Operations in a 24X7 environment. Plan, scope, deploy EMC storage and Linux server solutions in a high availability setup
- Plan for capacity, growth, trends for space, and system resources
- Deployment, configuration and administration of Storage Infrastructure.
- Delivery of the Storage Team's day-to-day capacity, reliability, manageability, scalability, and performance goals.
- Management, maintenance, and development of vendor support relationships to ensure rapid deployments, reliable, available, and performance operations, proactive monitoring, and timely and definitive problem resolution.
- Plans short- and long-range storage projects Participates in capacity planning, system design and optimization, and proactive research and evaluation of emerging storage technologies for integration into our storage infrastructure.
- Responsible for documentation, enhancement, and optimization of the storage infrastructure.
- Streamline and automate processes and practices within the Storage Team and with external vendor support personnel.
- Creates related documentation, standards and procedures to comply with corporation and industry standards.
- Attends business meetings, and collaborates with colleagues to develop "best practices" policies and procedures, and to identify and resolve issues to help create a flexible and efficient organization.
- Adheres to and supports the Core Values of the ISO.
- Performs related duties and activities as appropriate.

TYPICAL PHYSICAL REQUIREMENTS:

Most of the time is spent sitting in a comfortable position and there is frequent opportunity to move about. Occasionally there may be a requirement to stoop or lift or handle material or equipment weighing up to 25 pounds. Requires normal manual dexterity and eye-hand coordination, and corrected vision and hearing to normal range.

WORKING CONDITIONS:

Typically located in a comfortable indoor area. There may be occasional exposure to mild physical discomfort from factors such as dust, fumes or odors, loud noise, or bright lights. There is occasional exposure to hazards or risk of injury that are generally protected against or predictable. Requires 24x7 support availability.

MINIMUM QUALIFICATIONS:

- **Level of Education**
An Associate's degree (two-year program) or equivalent experience and formal training program.
- **Discipline**

Computer Science, MIS or related technical field.

● **Amount of Experience**

Five or more years related experience.

● **Type of Experience**

Strong experience in UNIX systems administration, troubleshooting, diagnostic skills ((Linux, FreeBSD, Solaris) and shell scripting (sh, Perl, Python), with knowledge of networking concepts. Expertise in storage architectures, cutting-edge technologies, and high-volume operations experience desired. Knowledge of standard networking protocols and services (DNS, TCP/IP, NFS, HTTP, rsync) and ability to troubleshoot/diagnose networking issues. Strong working knowledge of storage architectures, technologies, and operations (SAN, DAS, NAS, distributed and cluster file systems, Fiber Channel, volume management, replication, data protection). Substantial experience in managing high-volume online operations and growing large, complex, mission-critical storage systems in a scalable and manageable manner. Strong project management skills, with demonstrated capability to successfully manage multiple complex technical projects, simultaneously. Experience with large-scale storage infrastructures desired.

● **Special Certifications of Technical Skills**

none

● **Other**

Must be able to work effectively in a team environment as a leader, facilitator and team member. Strong communication and analytical skills required. Ability to work quickly, independently, and effectively, with little direct supervision. Ability to accomplish multiple projects simultaneously. Strong planning, organization, and time management skills. Must be able to handle a dynamic and changing work environment, and work well independently. Excellent analytical, verbal and written communication skills required

CLASSIFICATION:

- FLSA: TBD
- Created: 8.25.2008
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